REMARKS/ARGUMENTS

Status of claims

Claims 1-28 are currently pending in this application. The Examiner has rejected claims 1-5, 7-12, 14-19, 21-26 and 28 under 35 U.S.C. § 102(e) as being anticipated by Campbell et al. (U.S. Patent Application Publication No. 2003/0208601, hereinafter "Campbell").

Applicants note with appreciation that the Examiner indicated that claims 6, 13, 20 and 27 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Applicants further thanks the Examiner for acknowledging the claim for foreign priority under 35 U.S.C. § 119, and noting that the priority documents have been received.

After carefully analyzing the above-rejection, Applicants offer the following comments:

Rejection under 35 U.S.C. § 102(e)

Claims 1-5, 7-12, 14-19, 21-26 and 28 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Campbell et al.

However, to be an "anticipation" rejection under 35 U.S.C. § 102, the reference must teach every element and limitation of the Applicants' claims. Rejections under 35 U.S.C. § 102 are proper only when the claimed subject matter is identically or inherently disclosed or described in the prior art. Campbell does not

App. Ser. No. 10/621,395

teach each element of the claimed invention. With respect to independent claim 1,

Applicants respectfully disagree with the Examiner's allegations. Based on review of

the reference, there is nothing in Campbell et al. that discloses or teaches a method for

"configuring a session for setting the plurality of service types having different traffic

characteristics by the connection" as recited. Furthermore, nothing in Campbell

discloses or teaches setting the plurality of service types before exchanging data

streams with the PDSN.

Campbell discloses a method and system for controlling a plurality of

communication sessions in a mobile network by establishing a first communication

session at a mobile node, detecting a second communication session to be connected

to the mobile node, sending a signaling message indicating a new communication

session and a type of data associated with the second communication session to the

client device, determining whether the second communication session is accepted and

whether the first communication session is put on hold on the mobile node to enable

communicating data associated with the second communication session (see

paragraphs [0012] and [0035], Campbell).

In embodiments of the present invention, the method and system for receiving

multiple services according to a plurality of service types in an access terminal

comprises a configuration session for setting the plurality of service types having

different traffic characteristics by the connection. The service instances describe

various traffic characteristics and store service parameters corresponding to their

service type. To allow a stream layer to identify a service type, the above service

types are defined in a session procedure. The access terminal then exchanges data

-3-

streams with the PDSN in a service instance corresponding to a currently provided

service among the plurality of service instances defined beforehand in the session

configuration.

Accordingly, Applicants respectfully submit that Campbell does not disclose

or teach "configuring a session for setting the plurality of service types having

different traffic characteristics by the connection". Campbell merely discloses

reducing the waste of airlink bandwidth by intercepting a first communication session

and switching the data flow of the second communication session to an existing air

interface channel associated with the first communication session, or by terminating

the data flow on an existing communication channel associated with the first

communication session and employing the communication channel associated with

the second session (see paragraph [0012], Campbell). In Campbell, the signaling

message indicating a new incoming communication session includes information

regarding the type of data associated with second communication session and is

merely used for notifying a user about the data type associated with the second

communication session (see paragraph [0036], Campbell).

This is different from embodiments of the present invention wherein a session

is configured for setting a plurality of service types, each having different traffic

characteristics, in order to allow a stream layer to later identify the service type of a

stream among the plurality of service types defined beforehand in the session

configuration. Therefore, Campbell does not disclose or teach "configuring a session

for setting the plurality of service types having different traffic characteristics by the

connection".

-4-

Moreover, Applicants respectfully submit that there is nothing in Campbell

that discloses or teaches defining the plurality of service types before "exchanging

data streams with the PDSN in a service instance corresponding to a currently

provided service among the plurality of service instances". Campbell merely

discloses notifying a user about the data type associated with a second communication

session via a signaling message after a first communication session has already been

connected. This is different from exemplary embodiments of the present invention

wherein a plurality of service types must be defined in a session configuration before

exchanging data streams to allow a stream layer to identify the service type.

Accordingly, Campbell does not disclose or teach defining the plurality of service

types before exchanging data streams with the PDSN.

In view of the above arguments, Campbell fails to teach or suggest all of the

claim limitations as set forth in independent claim 1. Since claims 2-8 depend from

claim 1, and since Campbell does not disclose all of the limitations of claim 1, we.

submit that claims 2-8 are patentable at least by virtue of their dependency from claim

1. Accordingly, Applicants respectfully request the Examiner to reconsider and

withdraw the rejections of claims 1-8 under 35 U.S.C. § 102(e).

Claims 9-13, 15-22, and 23-27 also stand rejected under 35 U.S.C. § 102(e) as

being anticipated by Campbell. Applicants believe that these rejections should be

withdrawn for at least the same reasons given above with regard to independent claim

1 and its dependent claims.

-5-

Independent claims 14 and 28 recite transmitting data between the AT and the

PDSN in traffic paths established for a plurality of service instances set to a plurality

of service types by a connection for the data service.

However, Campbell merely discloses reducing the waste of airlink bandwidth

by intercepting a first communication session and switching the data flow of the

second communication session to an existing air interface channel associated with the

first communication session or by terminating the data flow on an existing

communication channel associated with the first communication session and

employing the communication channel associated with the second session (see

paragraph [0012], Campbell). In Campbell, the signaling message indicating a new

incoming communication session includes information regarding the type of data

associated with second communication session and is merely used for notifying a user

about the data type associated with the second communication session (see paragraph

[0036], Campbell).

This is different from embodiments of the present invention wherein traffic

paths are already established for a plurality of service instances set to a plurality of

service types by a connection for the data service.

Therefore, Campbell does not disclose or teach "traffic paths established for a

plurality of service instances set to a plurality of service types by a connection for the

data service". Accordingly, Applicants respectfully request the Examiner to

reconsider and withdraw the rejections of claims 14 and 18 under 35 U.S.C. § 102(e).

-6-

Allowable Subject Matter

The Examiner indicated allowable subject matter for claims 6, 13, 20, and 27

if rewritten in independent form. However, for the reasons noted above, Applicants

believe the broader scope of the invention is patentable over the art of record.

In view of the above, it is believed that the application is in condition for

allowance and notice to this effect is respectfully requested. Should the Examiner

have any questions, the Examiner is invited to contact the undersigned at the

telephone number indicated below.

Respectfully Submitted,

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-7-